PTO/SB/08a
(08-03)Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. Department of Commerce

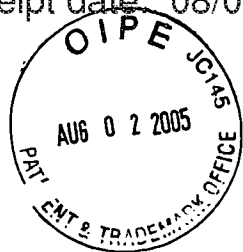
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

| | | | | | |
|---|---|--------------------------|------------------|------------------------|------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete if Known | | | |
| | | Application Number | 10/508,737 | | |
| | | Filing Date | January 10, 2005 | | |
| | | First Named Inventor | Adolf Bernds | | |
| | | Group Art Unit | 1752 | | |
| | | Examiner Name | Not assigned | | |
| Sheet | 1 | | 1 | Attorney Docket Number | 411000-121 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|---------------------------------|--|---|
| Examiner Initial* | Cite No. ¹ | Document Number Number-Kid Code ² (if known) | Publication- Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| /TC/ | 133 | US-10/344,926 | 02/12/2004 | Adolf Bernds et al. | |
| /TC/ | 128 | US-10/533,756 | N/A | Wolfgang Clemens et al | |
| /TC/ | 129 | US-10/535,448 | N/A | Wolfgang Clemens et al | |
| /TC/ | 131 | US-10/535,448 | N/A | W. Clemens et al. | |
| /TC/ | 132 | US-10/535,449 | N/A | Walter Fix et al. | |
| /TC/ | 136 | US-10/541,815 | N/A | Axel Gerlt et al. | |
| /TC/ | 137 | US-10/541,956 | N/A | Wolfgang Clemens et al. | |
| /TC/ | 138 | US10/541,957 | N/A | Walter Fix et al. | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Examiner Signature | | /Thorl Chea/ | | Date Considered | 07/25/2008 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08a
(08-03)Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. Department of Commerce

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

| | | | | | |
|---|---|----|---|--------------------------|------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 10/508,737 |
| | | | | Filing Date | January 10, 2005 |
| | | | | First Named Inventor | Adolf Bernds |
| | | | | Group Art Unit | 1752 |
| | | | | Examiner Name | Not assigned |
| Sheet | 1 | Of | 4 | Attorney Docket Number | 411000-121 |

U.S. PATENT DOCUMENTS

| Examiner Initial* | Cite No. ¹ | Document Number Number-Kid Code ² (if known) | Publication- Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-------------------|-----------------------|--|---------------------------------|---|---|
| /TC/ | | US-2002/0056839 | 05-16-2002 | Joo et al. | |
| /TC/ | | US-2002/0068392 | 06-06-2002 | Lee et al. | |
| /TC/ | | US-2002/0170897 | 11-21-2002 | Hall | |
| /TC/ | | US-2002/0195644 | 12-26-2002 | Dodabalapur et al. | |
| /TC/ | | US-2002/130042 | 09-19-2002 | Steine | |
| /TC/ | | US-2003/0112576 | 06-19-2003 | Brewer et al. | |
| /TC/ | | US-2003/0599987 | 03-27-2003 | Sirringhaus Henning et al. | |
| /TC/ | | US-2004/0002176 | 0101-2004 | Xu | |
| /TC/ | | US-3,512,052 | 12-12-1970 | MacIver et al. | |
| /TC/ | | US-3,769,096 | 10-30-1973 | Ashkin | |
| /TC/ | | US-3,955,098 | 05-04-1976 | Kawamoto | |
| /TC/ | | US-4,302,648 | 11-24-1981 | Sado et al. | |
| /TC/ | | US-4,442,019 | 04-19-1984 | Marks | |
| /TC/ | | US-4,865,197 | 09-12-1989 | Craig | |
| /TC/ | | US-5,173,835 | 12-22-1992 | Cornett et al. | |
| /TC/ | | US-5,259,926 | 11-09-1993 | Kuwabara et al. | |
| /TC/ | | US-5,395,504 | 03-07-1995 | Hoffman et al. | |
| /TC/ | | US-5,502,396 | 03-26-1996 | Desarzens | |
| /TC/ | | US-5,569,879 | 10-29-1996 | Gloton et al. | |
| /TC/ | | US-5,580,794 | 12-03-1996 | Allen | |
| /TC/ | | US-5,629,530 | 05-13-1997 | Brown et al. | |
| /TC/ | | US-5,630,986 | 05-20-1997 | Miller | |
| /TC/ | | US-5,729,428 | 03-17-1998 | Sakata et al. | |
| /TC/ | | US-5,869,972 | 02-09-1999 | Birch et al. | |
| /TC/ | | US-5,946,551 | 08-31-1999 | Dimitrakopoulos | |
| /TC/ | | US-5,994,773 | 11-30-1999 | Hirakawa | |
| /TC/ | | US-5,997,817 | 12-07-1999 | Crismore et al. | |
| /TC/ | | US-6,036,919 | 03-14-2000 | Thym et al. | |

| | | | | | |
|--|---|--------------------------|------------------|------------------------|------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete if Known | | | |
| | | Application Number | 10/508,737 | | |
| | | Filing Date | January 10, 2005 | | |
| | | First Named Inventor | Adolf Bernds | | |
| | | Group Art Unit | 1752 | | |
| | | Examiner Name | Not assigned | | |
| Sheet | 2 | | 4 | Attorney Docket Number | 411000-121 |

| | | | | | |
|------|--|--------------|------------|----------------|--|
| /TC/ | | US-6,060,338 | 05-09-2000 | Tanaka et al. | |
| /TC/ | | US-6,300,141 | 10-09-2001 | Segal et al. | |
| /TC/ | | US-6,403,396 | 06-11-2002 | Gudesen et al. | |
| /TC/ | | US-6,429,450 | 08-06-2002 | DeLeeuw et al. | |
| /TC/ | | US-6,852,583 | 02-08-2005 | Bernds et al. | |
| /TC/ | | US-6,903,958 | 06-07-2005 | Bernds et al. | |

FOREIGN PATENT DOCUMENTS

| | | | | | |
|------|--|--|-----------------------|---------------------------------|---|
| | | DE 100 00 237 (title page only) | 09-14-2000 | IBM | |
| | | DE 100 45 192 | 04-04-2002 | Siemens AG | |
| | | DE 100 47 171 | 04-18-2002 | Siemens AG | |
| | | DE 100 50 550 | 05-20-2002 | Interactive Biotech. | |
| | | DE 101 20 007 | 10-31-2002 | Siemens AG | |
| | | DE 102 10 005 | 12-04-2003 | Osram Opto Semicond. | |
| | | DE 103 52 342 (title page only) | 05-20-1999 | Nintendo Co. | |
| | | DE 100 10 103 (title page only) | 11-25-1999 | Cambridge Display | |
| | | DE 100 21 024 (title page only) | 11-16-2000 | Eichelmann | |
| | | DE 100 05 527 | 02-08-2004 | Cisco & Duvion | |
| | | DE 199 37 262 | 03-01-2001 | Siemens | |
| | | DE 33 38 397 | 05-02-1995 | BAE Gecelshaft | |
| | | DE 42 43 832 | 06/30/04 | Daimler-Benz AG | |
| | | DE 605 10 702 | 01-03-2004 | News Datacom Ltd. | |
| | | EP 0 420 520 | 12-10-1994 | BASF | |
| /TC/ | | EP 0 268 370 A2 | 05-25-1988 | Canon Kabushiki Kaisha | X |
| /TC/ | | EP 0 268 370 A3 | 05-25-1988 | Canon Kabushiki Kaisha | X |
| /TC/ | | EP 0 350 179 | 01-10-1990 | W & T Avery Ltd. | |
| /TC/ | | EP 0 966 182 | 12-22-1999 | LG Electronics | |
| | | EP 1 052 504 | 11-15-2000 | Sokymat S.A. | |
| /TC/ | | EP 1 065 725 A2 | 01-03-2001 | Sei Semiconductor | |
| /TC/ | | EP 1 065 725 A3 | 01-03-2001 | Sei Semiconductor | |
| | | EP 1 102 335 A2 | 05-23-2001 | Lucent Technologies | X |
| /TC/ | | EP 1 104 035 A2 | 05-30-2001 | Lucent Technologies | X |
| | | EP 1 104 004 | 09-10-2001 | Inficon Technologies | |
| /TC/ | | EP 1 237 207 | 09-04-2002 | Fuji Photo Film Co. | |
| /TC/ | | EP 1 318 084 | 06-11-2003 | Nippon Sanso Corp. | |

| | | | | |
|---|--------------|---|--------------------------|------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Complete if Known | |
| | | | Application Number | 10/508,737 |
| | | | Filing Date | January 10, 2005 |
| | | | First Named Inventor | Adolf Bemds |
| | | | Group Art Unit | 1752 |
| Examiner Name | Not assigned | | | |
| Sheet | 3 | 5 | Attorney Docket Number | 411000-121 |

| | | | | | | |
|------|--|-------------------------------|------------|--------------------------------------|--|---|
| /TC/ | | GB 2 058 462 | 04-08-1981 | Shin-Etsu Polymer Co. | | X |
| /TC/ | | GB 723,598 | 02-09-1955 | N V Phillips Gloeilampenfabrieken | | X |
| /TC/ | | JP 05347422 (abstract) | 12-27-1993 | Fujitsu Ltd. | | X |
| /TC/ | | JP 2001085272 (abstract) | 03-30-2001 | Matsushita Electric Ind. | | X |
| /TC/ | | JP 54069392 (abstract) | 06-04-1979 | NEC Corp. | | X |
| /TC/ | | JP 61167854 | 07-29-1986 | Murata Mfg. Co. Ltd. | | X |
| /TC/ | | WO 95/06240 | 03-02-1995 | Metrika Laboratories | | |
| /TC/ | | WO 98/18186 (title page only) | 04-30-1998 | Erico Lightning | | X |
| /TC/ | | WO 99/54936 Corrected Version | 10-28-1999 | Cambridge Display | | |
| /TC/ | | WO 99/66540 | 12-23-1999 | Opticom ASA | | X |
| /TC/ | | WO 00/33063 | 06-08-2000 | Moorlodge Biotech | | X |
| /TC/ | | WO 01/03126 | 01-11-2001 | Regents of U. of CA | | X |
| /TC/ | | WO 01/06442 | 01-25-2001 | Yip | | X |
| /TC/ | | WO 01/08241 | 02-01-2001 | E Ink Corporation | | |
| /TC/ | | WO 01/17029 | 03-08-2001 | E Ink Corp. | | X |
| /TC/ | | WO 01/27998 | 04-19-2001 | Koninklijke Philips | | X |
| /TC/ | | WO 01/46987 | 06-28-2001 | Plastic Logic Ltd. | | |
| /TC/ | | WO 01/73109 A2 | 10-24-2001 | Iverness Medical | | |
| /TC/ | | WO 01/73109 A3 | 10-24-2001 | Iverness Medical | | |
| /TC/ | | WO 02/05361 | 01-17-2002 | 3M Innovative Prop. | | |
| /TC/ | | WO 02/071139 | 09-12-2002 | Acreo AB | | X |
| /TC/ | | WO 02/071505 | 09-12-2002 | Acreo AB | | x |
| /TC/ | | WO 02/15264 A2 | 02-21-2002 | Siemens | | |
| /TC/ | | WO 02/19443 | 03-07-2002 | Siemens | | |
| /TC/ | | WO 02/29912 | 04-11-2002 | Cambridge University | | X |
| /TC/ | | WO 02/43071 | 05-30-2002 | Thin Film Electronics | | X |
| /TC/ | | WO 02/47183 | 06-13-2002 | Siemens | | |
| /TC/ | | WO 02/091495 A2 | 11-14-2002 | Coatue Corporation | | X |
| /TC/ | | WO 02/099907 | 12-12-2002 | Siemens | | |
| /TC/ | | WO 02/099907 abstract | 12-12-2002 | Siemens | | |
| /TC/ | | WO 02/099908 | 12-12-2002 | Siemens | | |
| /TC/ | | WO 03/046922 | 06-05-2003 | Infineon Technologies | | |
| /TC/ | | WO 03/067680 | 08-14-2003 | Canon Kabushiki Kaisha | | |
| /TC/ | | WO 03/069552 | 08-21-2003 | Rafsec Oy | | X |
| /TC/ | | WO 03/081671 | 10-02-2003 | Siemens AK | | |

| | | | | |
|---|---|--------------------------|------------------------|------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete if Known | | |
| | | Application Number | 10/508,737 | |
| | | Filing Date | January 10, 2005 | |
| | | First Named Inventor | Adolf Bernds | |
| | | Group Art Unit | 1752 | |
| | | Examiner Name | Not assigned | |
| Sheet | 4 | 5 | Attorney Docket Number | 411000-121 |

| | | | | | | |
|------|--|----------------------------|------------|---------------------------|--|---|
| /TC/ | | WO 03/095175 | 11-20-2003 | ZBD Displays Ltd. | | |
| /TC/ | | WO 04/042837 | 05-21-2004 | Siemens | | |
| /TC/ | | WO 04/042837 abstract | 05-21-2004 | Siemens | | |
| /TC/ | | WO 04/047144 A2 | 06-03-2004 | Siemens | | |
| /TC/ | | WO 04/047144 A2 (abstract) | 06-03-2004 | Siemens | | |
| /TC/ | | WO 04/047144 A3 | 06-03-2004 | Siemens | | |
| /TC/ | | WO 04/047144 A3 (abstract) | 06-03-2004 | Siemens | | |
| /TC/ | | WO 04 /7194 A2 | 06-03-2004 | Siemens | | |
| /TC/ | | WO 04 /7194 A2 (abstract) | 06-03-2004 | Siemens | | |
| /TC/ | | WO 04 /7194 A3 | 06-03-2004 | Siemens | | |
| /TC/ | | WO 2004/032257 | 04-15-2004 | Leonhard Kurz GmbH | | |
| /TC/ | | WO 2004/083859 | 0930-2004 | Platform Diagnostics Ltd. | | X |

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initial* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-------------------|-----------------------|---|----------------|
| /TC/ | | BRABEC, C.J. et al, "Photoinduced FT-IR spectroscopy and CW-photocurrent measurements of conjugated polymers and fullerenes blended into a conventional polymer matrix", Solar Energy Materials and Solar Cells, 2000 Elsevier Science B.V., pages 19-33. | X |
| /TC/ | | BRABEC, C.J. et al., "Photovoltaic properties of a conjugated polymer/methanofullerene composites embedded in a polystyrene matrix", Journal of Applied Physics, Vol 85, No. 9, 1999, pages 6866 – 6872. | X |
| /TC/ | | GOSAIN, D.P., "Excimer laser crystallized poly-Si TFT's on plastic substrates", Second International Symposium on Laser Precision Microfabrication, May 16-18, 2001, Singapore, Vol. 4426, pages 394 – 400. | X |
| /TC/ | | HARSANYI G. ET AL, "Polytronics for biotronics: unique possibilities of polymers in biosensors and BioMEMS", IEEE Polytronic 2002 Conference, June 23, 2002, pages 211-215 | |
| /TC/ | | LU, Wen et al., "Use of Ionic Liquids for π -Conjugated Polymer Electrochemical Devices", Science, Vol 297, 2002, pages 983 – 987/ | X |
| /TC/ | | SHAHEEN, S.E., et al., "Low band-gap polymeric photovoltaic devices", Synthetic Metals, Vol 121, 2001, pages 1583-1584. | X |
| /TC/ | | TAKASHIMA, W. et al., Electroplasticity Memory Devices Using Conducting Polymers and Solid Polymer Electrolytes", Polymer International, Melbourne, 1992, pages 249 – 253. | |
| /TC/ | | VELU, G. et al. "Low Driving Voltages and Memory Effect in Organic Thin-Film Transistors With A Ferroelectric Gate Insulator", Applied Physics Letters, American Institute of Physics, New York, Vol. 79, No. 5, 2001, pages 659 – 661. | |
| /TC/ | | WANG, Hsing et al., "Conducting Polymer Blends: Polythiophene and Polypyrrole Blends with Polystyrene and Poly(bisphenol A carbonate)", Macromolecules, 1990, Vol 23, pages 1053 – 1059. | |

| | | | | | |
|--|---|--------------------------|------------------|------------------------|------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete if Known | | | |
| | | Application Number | 10/508,737 | | |
| | | Filing Date | January 10, 2005 | | |
| | | First Named Inventor | Adolf Bernds | | |
| | | Group Art Unit | 1752 | | |
| | | Examiner Name | Not assigned | | |
| Sheet | 5 | | 5 | Attorney Docket Number | 411000-121 |

| | | |
|------|---|---|
| /TC/ | WANG, Yading et al., "Electrically Conductive Semiinterpenetrating Polymer Networks of Poly(3-octylthiophene)", Macromolecules 1992, Vol 25, pages 3284 – 3290. | X |
|------|---|---|

| | | | |
|--------------------|--------------|-----------------|------------|
| Examiner Signature | /Thorl Chea/ | Date Considered | 07/25/2008 |
|--------------------|--------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14, individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

#263425 v3 - Master List II

#264221